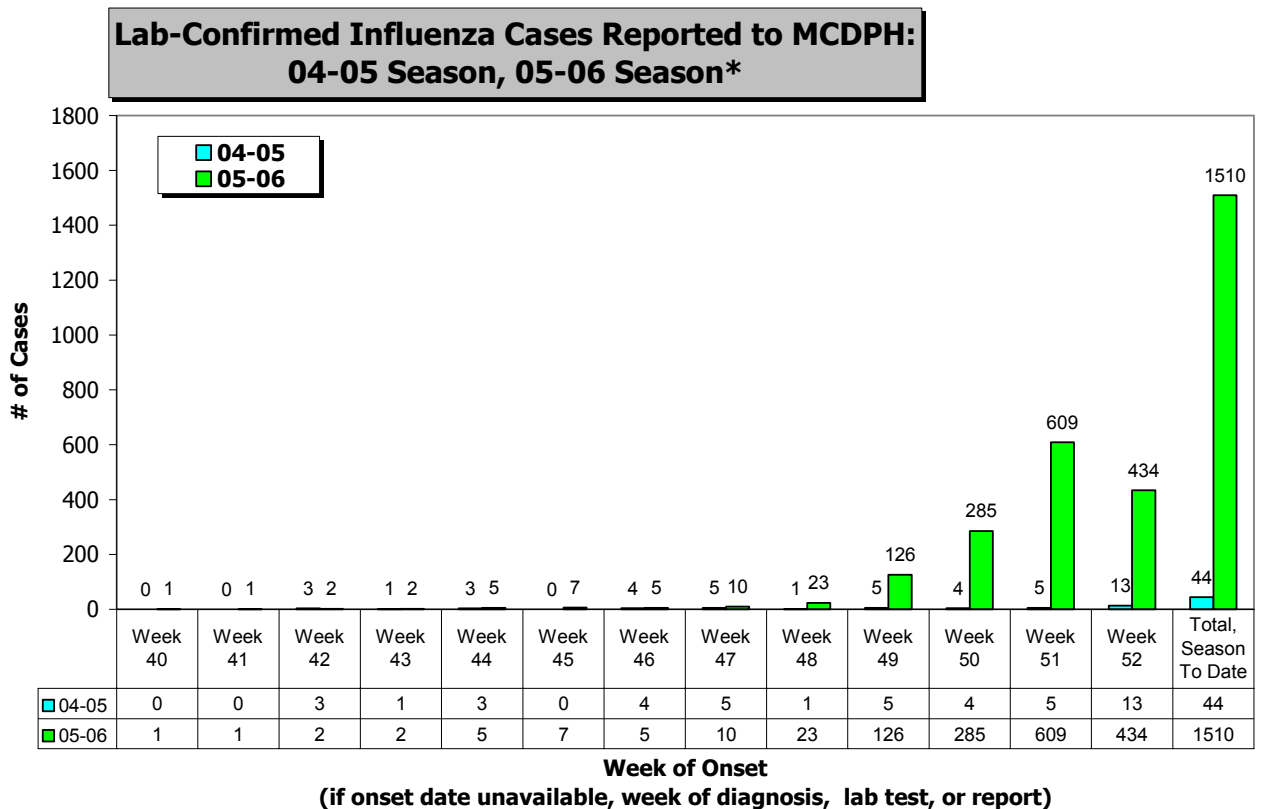


05-06 INFLUENZA SEASON
MARICOPA COUNTY INFLUENZA SUMMARY UPDATE
WEEK 52 [12/25/05-12/31/05]

- **Case Count: 1510 lab-confirmed cases reported (through Week 52)**
- **Pneumonia & Influenza Mortality: 9.8% of all deaths were due to pneumonia or influenza (all of Maricopa County, Week 52)** (MCDPH Office of Vital Statistics)
- **Influenza-Like Illness:**
 - **Cigna Health Centers (n=20): 1.51% of visits due to ILI** (percentage subject to change as updated information becomes available)
 - **ASU Student Health: unavailable**
 - **Hospital Emergency Departments (n=12): 6.42% of visits due to ILI**
- **Absenteeism, Elementary & Jr. High Schools (n=32): unavailable (school recess)**

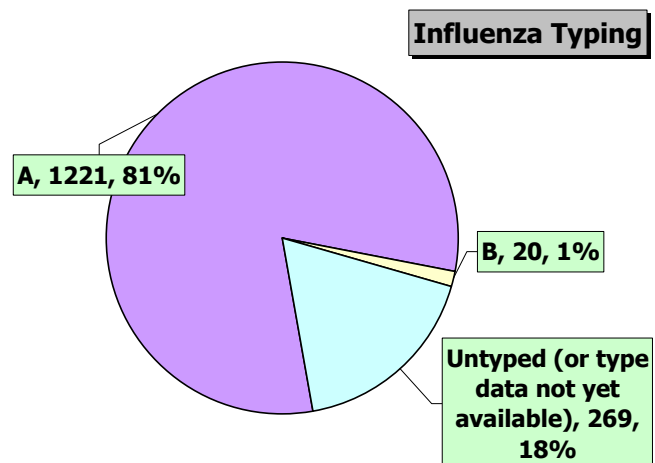
Lab Surveillance

At the time of this report, 1510 lab-confirmed cases of influenza have been reported (through Week 52, 05-06 season).



*Counts for the most recent weeks of the 05-06 season may increase as additional cases are reported.

Lab Surveillance



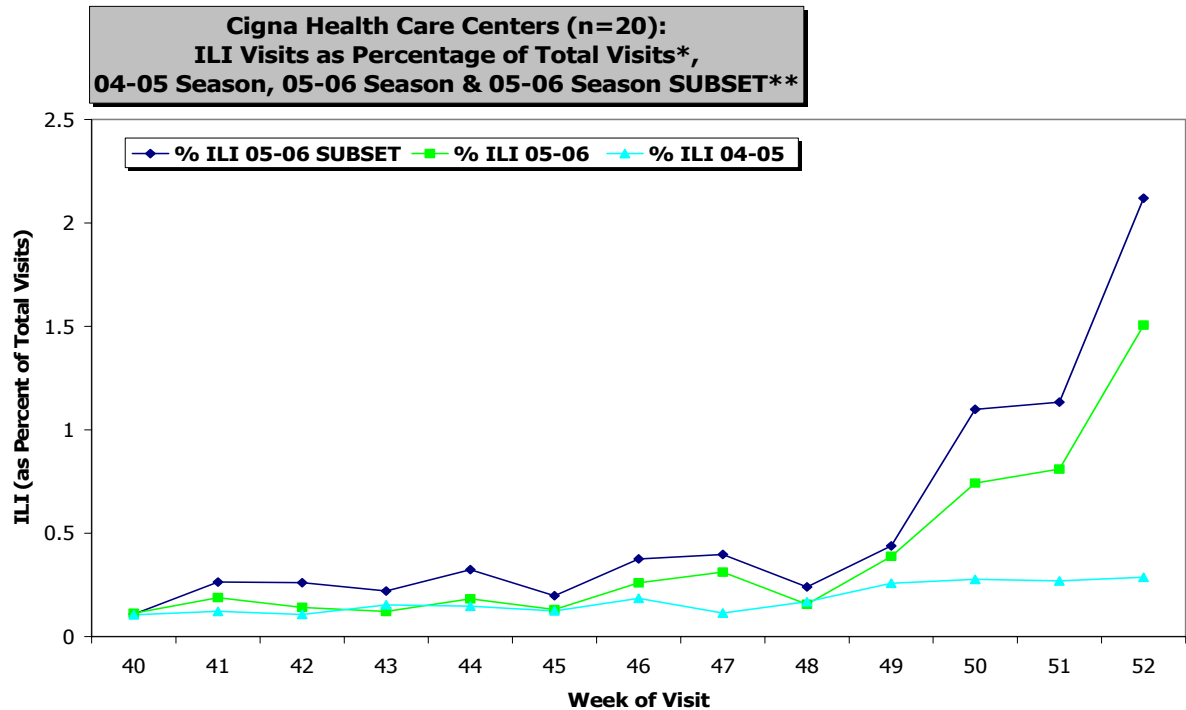
Pneumonia & Influenza Mortality Surveillance

For Week 52 (12/25/05-12/31/05), the MCDPH Office of Vital Statistics reported that of all deaths, the percentage due to pneumonia or influenza was 10.9% for the City of Phoenix, 9.3% for Maricopa County less the City of Phoenix, and 9.8% for all of Maricopa County.

Influenza-Like Illness (ILI)* Surveillance

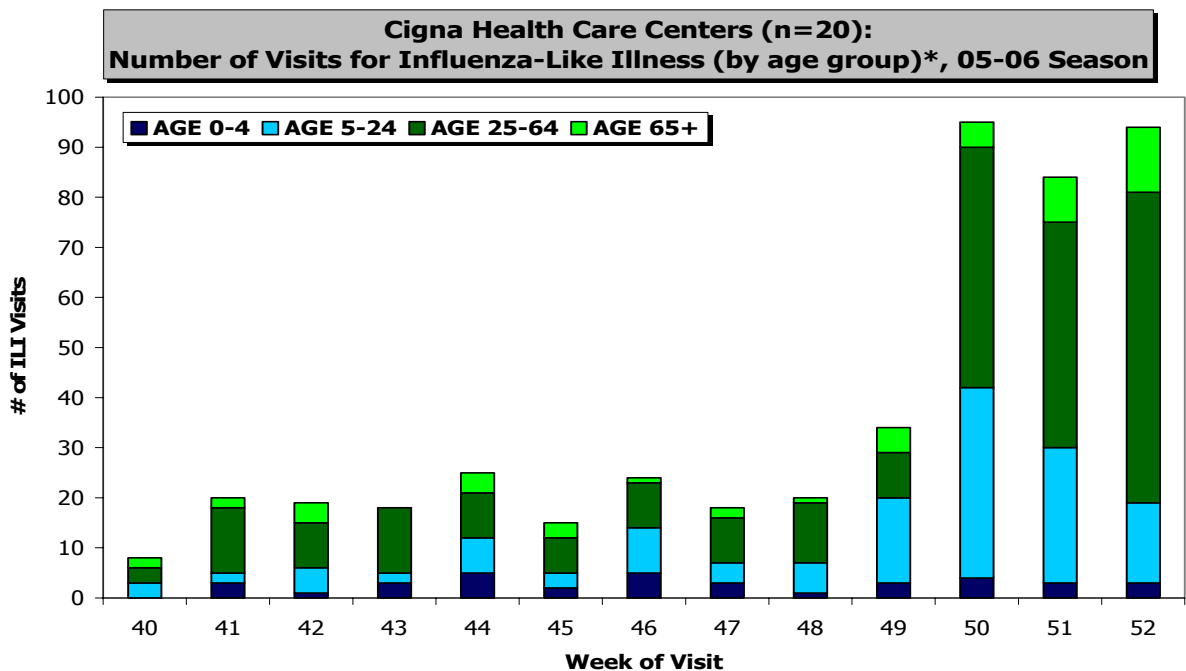
- During Week 52, 1.51% of patient visits to Cigna Health Care Centers (data from 20 centers, multiple departments) were due to ILI. (Percentage may change in subsequent reports as updated information becomes available.) Since the Cigna Health Care Centers are participants in the CDC Influenza Sentinel Surveillance Program, a subset of data was created to allow comparison with other participants' data. This subset includes only six departments from the same 20 centers. During Week 52, 2.12% of these subset visits were due to ILI. (Percentage may change in subsequent reports as updated information becomes available.)
- At the time of this report, ASU Student Health ILI data was not yet available for Week 52. During Week 51, 1.5% of patient visits to ASU Student Health were due to ILI.
- The percentage of ER visits for ILI (data from 12 hospitals) was 6.42% for Week 52. The most recent week with complete data from 15 hospitals is Week 50; the percentage of ER visits for ILI (data from 15 hospitals) was 4.83% for Week 50.

*ILI case definition: fever (at least 100°F) AND cough and/or sore throat.

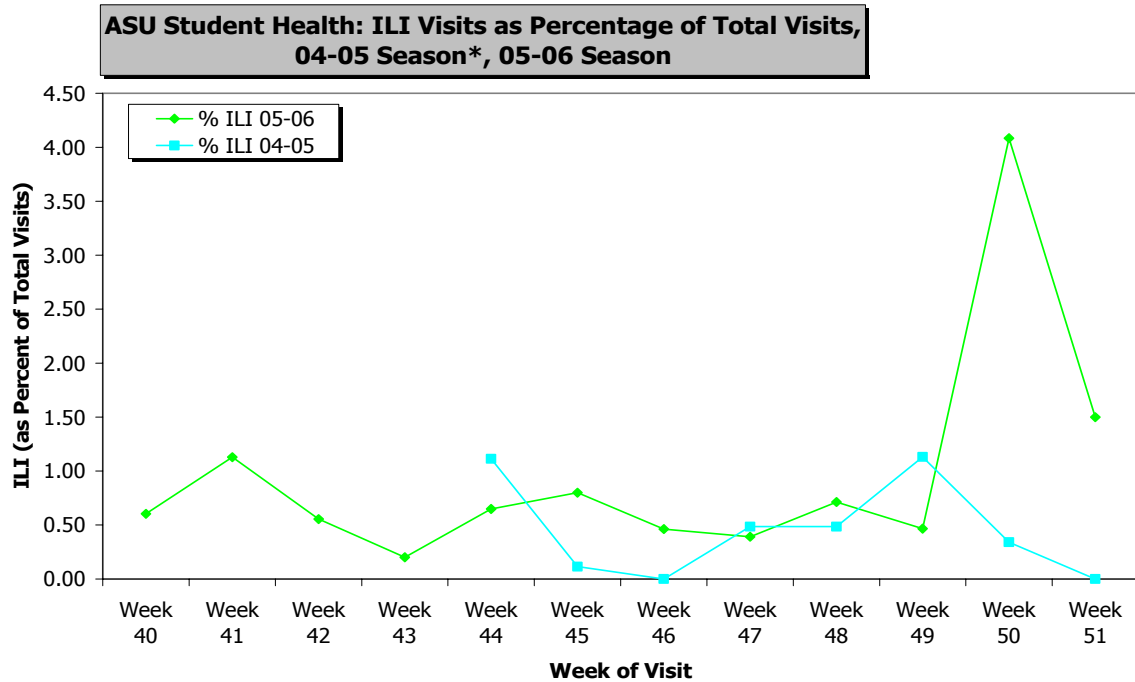


*Percentages for Weeks 50-52 of the 05-06 season may change in subsequent reports as updated information becomes available.

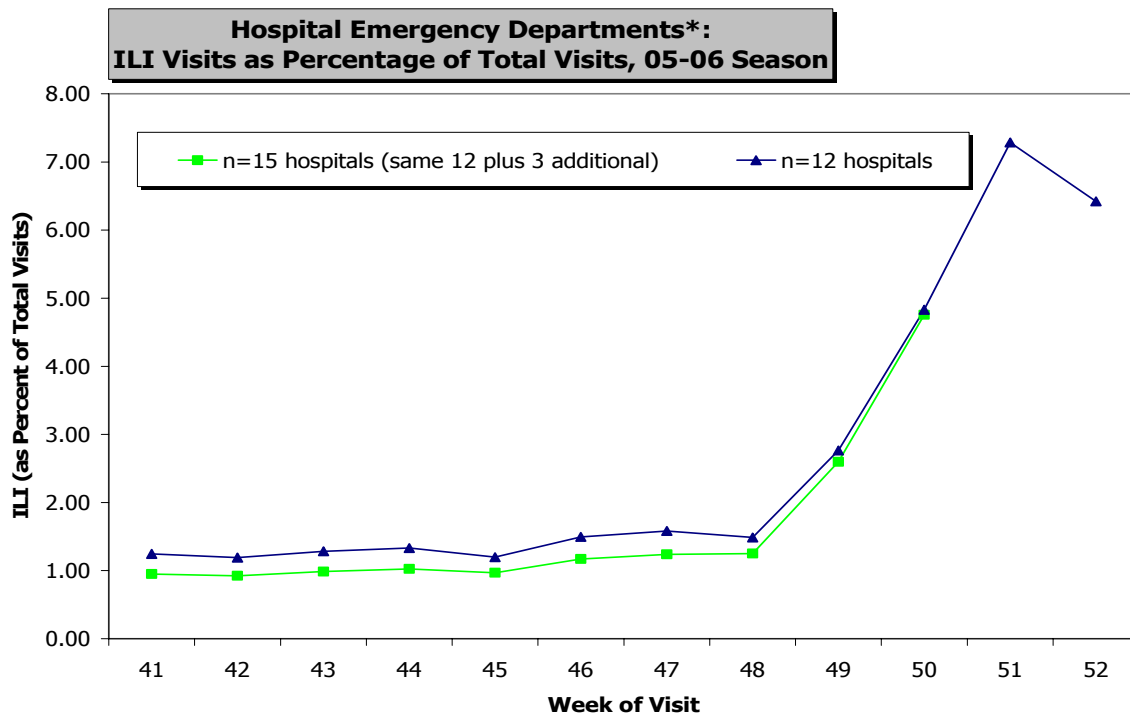
**SUBSET only includes visits to six departments.



*Percentages for Weeks 50-52 of the 05-06 season may change in subsequent reports as updated information becomes available.



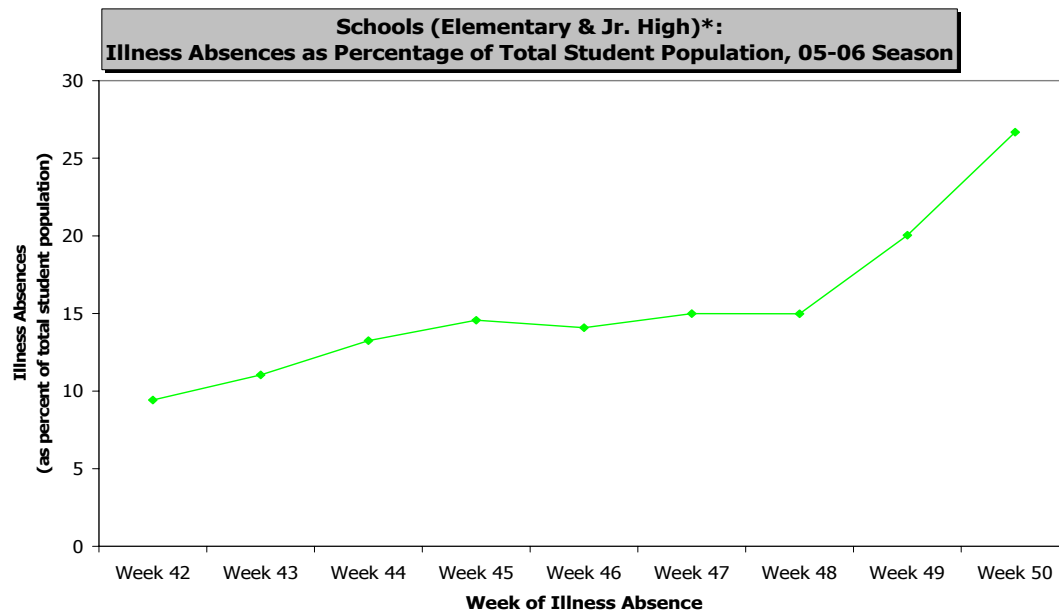
*Data unavailable for Weeks 40-43 of the 04-05 season.



*Due to reporting lag time, data for all 15 hospitals is only available through Week 50 (green line). Data from 12 of the 15 hospitals is shown through the Week 52 (blue line).

Absenteeism (due to illness)

- Week 52 is not included as a large proportion of schools are on winter recess. The percentage of students absent due to illness (data from 32 schools) was 26.68% for Week 50.



*This week's report includes data from 32 schools. Additional schools may be included in future reports. Weeks 40 and 41 are not included as a large proportion of schools were on fall recess during that time.

Due to wide variability between national- and local-level data, it is not appropriate to apply any national baselines or thresholds to the information represented in this report.

Influenza Surveillance Participants include:

Cigna Health Care Centers

Cigna Medical Group participates in the CDC's Influenza Sentinel Surveillance program.

- Chandler Health Care Center
- C.J. Harris Health Care Center
- Clyde Wright Health Care Center
- Clyde Wright After-Hours Health Care Center
- Deer Valley Health Care Center
- Gilbert Health Care Center
- North Valley Health Care Center
- Paradise Valley Health Care Center
- Paseo Health Care Center
- Paseo After-Hours Health Care Center
- Scottsdale Health Care Center
- South Mountain Health Care Center
- Stapley Health Care Center
- Stapley After-Hours Health Care Center
- Sun City Health Care Center
- Sun City West Health Care Center
- Superstition Springs Health Care Center
- Tempe Health Care Center
- The Pointe Health Care Center
- Westridge Health Care Center

Hospital Emergency Departments & Infection Control Practitioners

- Arrowhead Community Hospital & Medical Center
- Banner Baywood Medical Center
- Banner Desert Medical Center
- Banner Good Samaritan Medical Center
- Carl T. Hayden VA Medical Center
- John C. Lincoln Hospital - Deer Valley
- John C. Lincoln Hospital - North Mountain
- Maricopa Medical Center
- Phoenix Indian Medical Center
- Phoenix Memorial Hospital
- Scottsdale Healthcare Shea
- Scottsdale Healthcare Osborne
- St. Joseph's Hospital & Medical Center
- St. Luke's Hospital
- Tempe St. Luke's Hospital

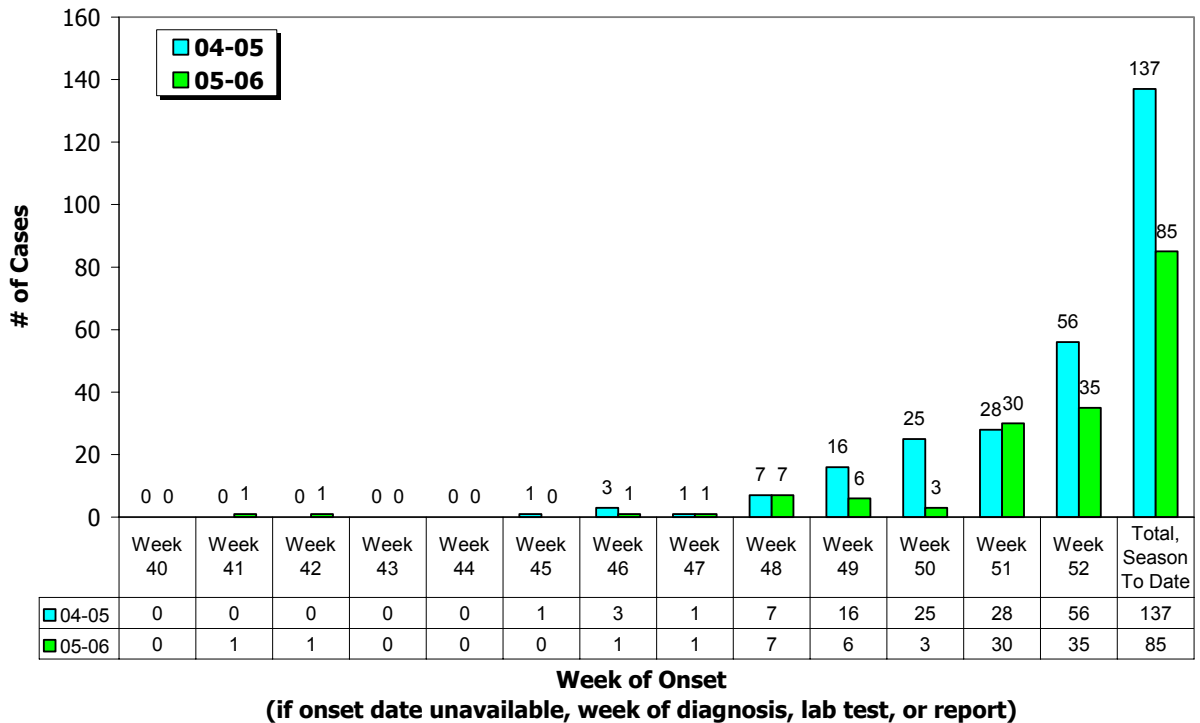
Schools (listed by school district)

- Cartwright School District
 - Pena Elementary
- Deer Valley Unified School District
 - Legend Springs Elementary
 - Park Meadows Elementary
- Gilbert Public Schools
 - Burk Elementary
 - Desert Ridge Jr. High
 - Gilbert Jr. High
 - Harris Elementary
 - South Valley Jr. High
 - Superstition Springs Elementary
 - Technology & Leadership Academy
- Glendale Elementary School District
 - Burton Elementary
 - Desert Spirit Elementary
 - Horizon Elementary
 - Landmark Elementary
- Mesa Public Schools
 - Barbara Bush Elementary
 - Field Elementary
 - Irving Elementary
 - Lowell Elementary
 - Salk Elementary
 - Whittier Elementary
- Paradise Valley Unified School District
 - Shepherd Jr. High
 - Taylor Jr. High
- Tempe Elementary School District
 - Aguilar Elementary
 - Bustoz Elementary
 - Gilliland Middle
 - Thew Elementary
- Washington Elementary School District
 - Arroyo Elementary
 - Cactus Wren Elementary
 - Desert Foothills Jr. High
 - Desert View Elementary
 - Lakeview Elementary
 - Maryland Elementary
 - Mountain Sky Jr. High
 - Mountain View Elementary
 - Ocotillo Elementary
 - Roadrunner Elementary
 - Shaw Butte Elementary
 - Sunburst Elementary
 - Sweetwater Elementary

MARICOPA COUNTY RSV SUMMARY GRAPH

WEEK 52 [12/25/05-12/31/05]

Lab-Confirmed Respiratory Syncytial Virus (RSV) Cases Reported to MCDPH: 04-05 Season, 05-06 Season*



*Counts for the most recent weeks of the 05-06 season may increase as additional cases are reported.

Please email any questions about this report to: nataliefuller@mail.maricopa.gov .
Report completed: 1/6/06.